Anti-Siphon Control Valves

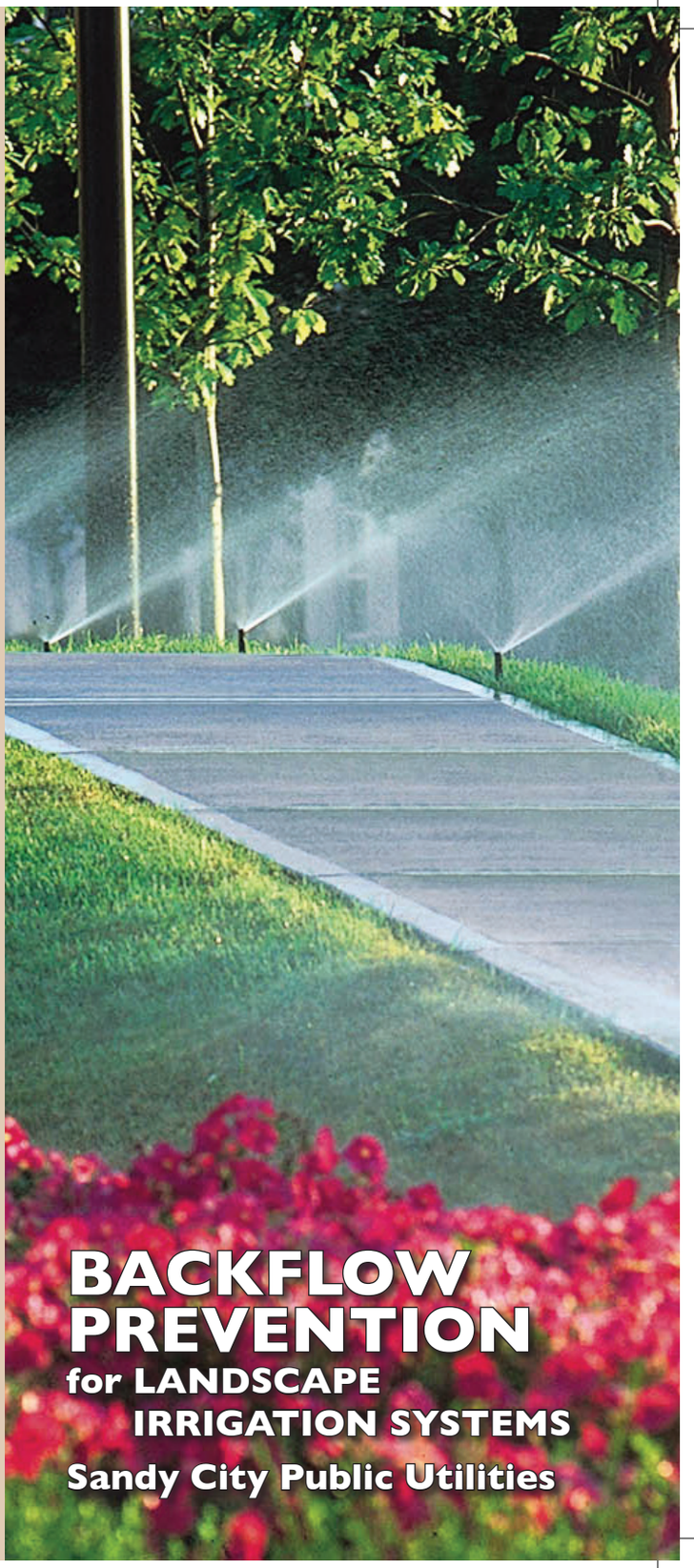
- Backflow prevention is built into the control valve
- A anti-siphon valve is required on each zone of the landscape sprinkling system
- May NOT have any other valves downstream.
- Must be installed above ground.
- Must be installed at least 6 inches above of the landscape sprinkling system.
- Are NOT required to be tested annually.

Hose Bib Vacuum Breakers

Garden hoses have accounted for almost 80% of the documented backflow incidents in the nation. Garden hoses have many uses which can cause problems such as chemical and fertilizer dispensers, cleaning out sewer systems, filling pools, ponds and animal troughs. Threaded hose connections are easy and inexpensive to correct by equipping each threaded hose connection with a hose bib vacuum breaker. Hose bib vacuum breakers can be found at most home and garden stores

Sandy
PUBLIC UTILITIES

For More Information
Sandy City Backflow Division
(801) 352-4400
sandy.utah.gov/backflowprevention



BACKFLOW PREVENTION

for LANDSCAPE IRRIGATION SYSTEMS

Sandy City Public Utilities

Landscape sprinkling systems save time and water and more efficient in watering lawns and gardens. However, landscape sprinkling systems also pose a potential problem for water system contamination, such as fertilizers, weed killers and animal waste backflowing into the drinking water system.

ALL landscaping sprinkling systems, new or existing, **MUST BE** equipped with backflow protection that is approved and protects the health of your families and neighbors. In terms of health and safety, this is the most critical component of any lawn sprinkler system

There are various types of backflow prevention devices and assemblies that are approved for landscape sprinkling system protection

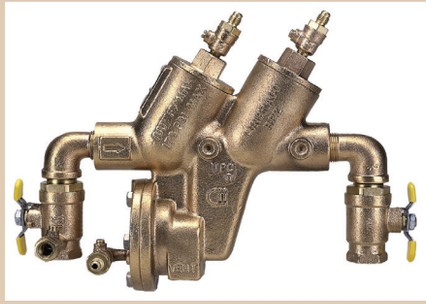
Backflow Assembly Testing

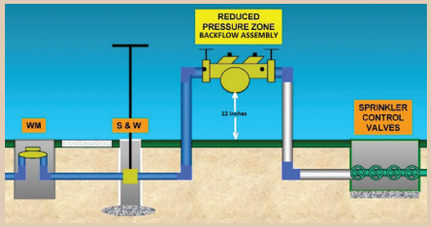
Backflow assemblies must be tested by a commercial certified backflow technician within ten (10) days of initial use and annually thereafter. **Completed test reports must be forwarded to Sandy City Public Utilities.**

Landscape sprinkling systems using pressure irrigation or chemical injection have other specific requirements. Please contact our office in such cases.

Reduced Pressure Zone Backflow Assembly (RPZ)

- One RPZ for entire landscape sprinkling system.
- Control valves can be downstream.
- The **ONLY** backflow assembly that can be used for pressure irrigation and chemical injection landscape sprinkling systems.
- Installed horizontally only.
- Must be installed above ground with the relief port at least 12 inches above grade.
- Must have 12 inches of clearance top, bottom and sides.
- Must be tested annually.





Pressure Vacuum Breaker (PVB)

- One PVB for entire landscape sprinkling system.
- Control valves can be downstream.
- Must be installed vertically.
- Must be installed above ground
- The PVB must be installed 12 inches above the highest point of the landscape sprinkling system.
- Must be tested annually